

A U S T I N C I T Y C O U N C I L

AGENDA



Thursday, July 27, 2006

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Public Works
RECOMMENDATION FOR COUNCIL ACTION

ITEM No. 35

Subject: Authorize execution of a construction contract with AUSTIN FILTER SYSTEMS, INC., Austin, TX, for construction of a rock and earthen embankment dam for the Upper Walnut Creek Regional Detention Facility Project in an amount not to exceed \$3,789,966 plus an \$189,498.30 contingency, for a total contract amount not to exceed \$3,979,464.30.

Amount and Source of Funding: Funding is available in the Fiscal Year 2005-2006 Amended Capital Budget of the Watershed Protection and Development Review Department.

Fiscal Note: A fiscal note is attached.

Additional Backup Material

(click to open)

- [M/WBE SUB GOALS](#)
- [MAP](#)
- [financial analysis](#)

For More Information: Christina Calvery, 974-7094; Roxanne Cook, P.E., 974-3369; Laura Bohl, 974-7064.

Purchasing Language: Lower of two bids received.

MBE/WBE: 19.25% MBE and 5.88% WBE subcontractor participation. (Related to item #88)

The Upper Walnut Creek Regional Detention Facility Project includes construction of a rock and earthen embankment dam, a low flow pipe outlet and concrete overflow spillway, modifications to an existing concrete water quality pond splitter box, installation of a new storm drain, installation of a cave gate, Critical Environmental Feature (CEF) protection, and seeding and planting at the Upper Walnut Creek Regional Detention Facility.

The proposed regional storm water detention facility is located on the main branch of Walnut Creek and is designed to reduce peak flows ranging from a 6-month to a 100-year storm event, to reduce flood hazards and to reduce stream erosion. The limits of construction for this storm water detention facility encompass approximately 20 acres including a new earthen embankment (dam) whose footprint is approximately 7.6 acres. The facility is located southeast of the intersection of Parmer Lane and McNeil Road, west of the Union Pacific Railroad, and is within the Robinson Ranch Planned Unit Development (PUD).

Flood hazard and stream erosion reduction benefits will extend to about five miles downstream of the dam (downstream of Metric Blvd.) Flood plain inundation will be reduced for 77 structures (homes, businesses and roadways).

As environmental enhancements, the project includes maintaining and vegetating an existing wetland and re-foresting an existing detention pond in the project area (approximately five acres) with native trees.

Due to the potential for unknown subsurface conditions, a 5% contingency in funding has been included to allow for the expeditious processing of any future change orders. The contract allows 365 calendar days for completion of this project.

Bid documents were distributed to five general contractors. Bids were opened May 25, 2006. Austin Filter Systems, Inc. submitted the lower of two bids received:

| | |
|--|----------------|
| Austin Filter Systems, Inc., Austin, Texas | \$3,789,966.00 |
| RGM Constructors, LP, Austin, Texas | \$4,095,030.00 |

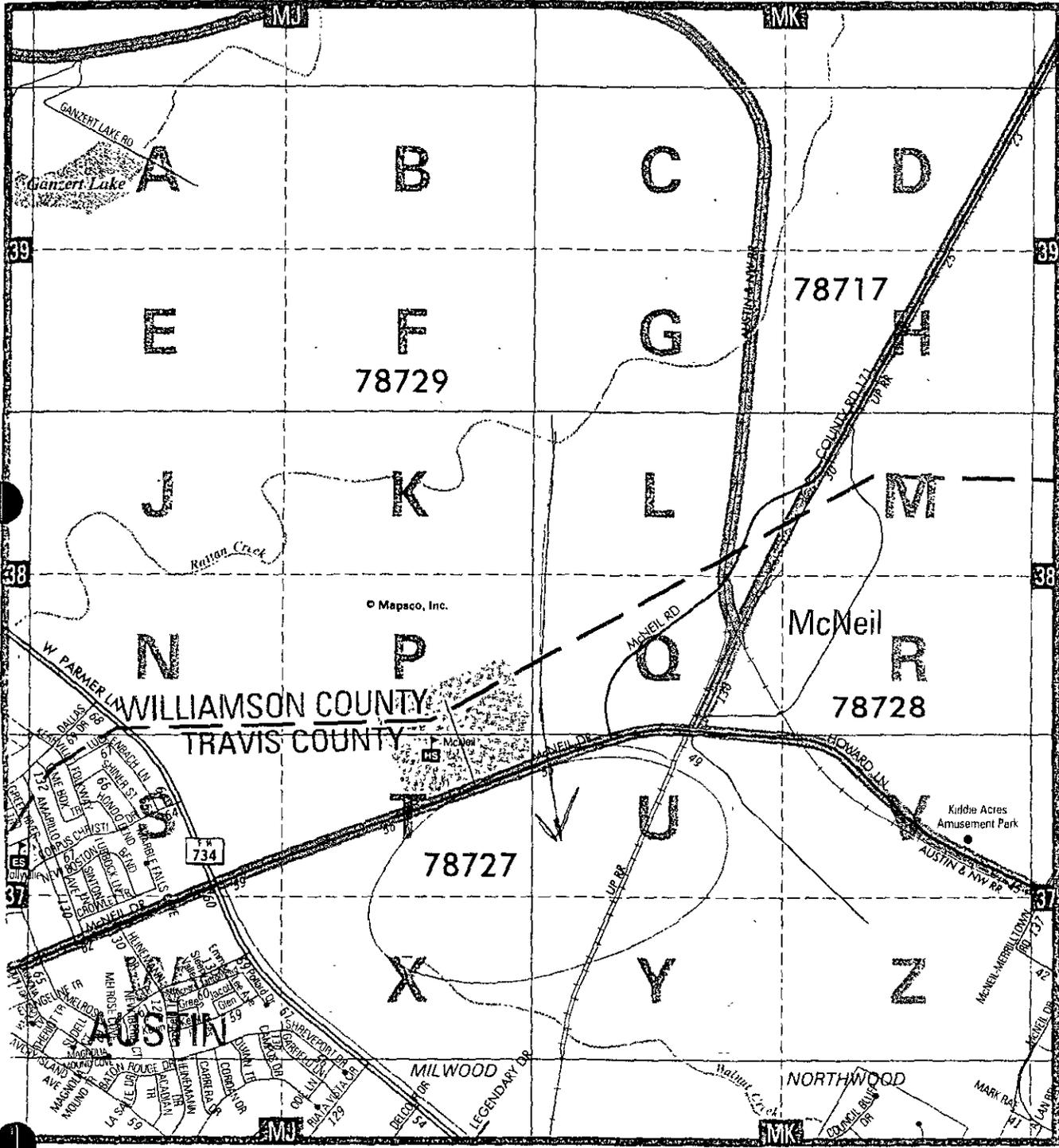
The contractor's choice of work methodology provides for subcontracting opportunities in nine areas which are listed below. Project specific subgoals stated in the solicitation were 5.44% African American (MB); 13.40% Hispanic (MH); 0.00% Native American (MN); 0.32% Asian Americans (MA); 5.80% WBE. Total participation estimated on base bid amount of \$1,236,485.00:

| | | |
|--|---------------------|---------------|
| NON M/WBE <i>or</i> M/WBE TOTAL – PRIME | \$2,553,481.00 | 67.37% |
| Austin Filter Systems, Inc., Austin, TX | \$2,553,481.00 | 67.37% |
| MBE TOTAL – SUBCONTRACTORS | \$729,532.00 | 19.25% |
| African American Subtotal | \$207,174.00 | 5.47% |
| B-MW Trucking, Austin, TX (hauling; crushed stone) | \$207,174.00 | 5.47% |
| Hispanic Subtotal | \$509,858.00 | 13.45% |
| MandM Trucking, Austin, TX (hauling) | \$389,510.00 | 10.28% |
| Lone Star Ready Mix, Austin, TX (ready mix concrete) | \$120,348.00 | 3.17% |
| Asian American Subtotal | \$12,500.00 | 0.33% |
| Benquest LLC, Austin, TX (fuel oil diesel) | \$12,500.00 | 0.33% |
| WBE TOTAL – SUBCONTRACTORS | \$222,819.00 | 5.88% |
| AFS Environmental, Austin, TX (erosion control services) | \$222,819.00 | 5.88% |
| NON M/WBE TOTAL – SUBCONTRACTORS | \$284,134.00 | 7.50% |
| H. L. Chapman Pipeline, Leander, TX (excavation rock) | \$236,755.00 | 6.25 % |
| Hanson Pipe and Products, Austin, TX (pipe concrete, reinforced) | \$25,597.00 | 0.67% |
| Texas Crush Stone, Georgetown, TX (crushed stone) | \$16,500.00 | 0.44% |
| ACT Pipe and Supply, Pflugerville, TX (pipe, plastic) | \$5,282.00 | 0.14% |

The Contractor submitted an M/WBE Compliance Plan that met the goals of the solicitation and was approved by the Department of Small and Minority Business Resources. Second bidder information is provided.

SECOND BIDDER – RGM Constructors, LP, Austin, Texas - \$4,095,030.00
 82.79% Non M/WBE prime participation; 0.12% MB; 11.49% MH; 0.00% NA; 0.00% AA; 3.41% WBE; 2.19 % Non M/WBE subcontractor participation.

CONTINUED ON MAP 405



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WILLIAMSON COUNTY
TRAVIS COUNTY

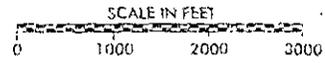
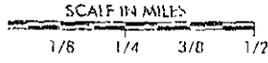
McNeil
78728

78727

CONTINUED ON MAP 434

CONTINUED ON MAP 465

CONTINUED ON MAP 436



**CIP BUDGET
FISCAL NOTE**

DATE OF COUNCIL CONSIDERATION:

27-Jul-06

WHERE ON AGENDA:

DEPARTMENT:

Watershed Protection & Development Review

Subject Authorize execution of a construction contract with AUSTIN FILTER SYSTEMS, INC , Austin, TX, for construction of a rock and earthen embankment dam for the Upper Walnut Creek Regional Detention Facility Project in the amount of \$3,789,966 plus an \$189,498.30 contingency, for a total contract amount not to exceed \$3,979,464.30.

FINANCIAL INFORMATION:

| | |
|------------------------|----------------------------------|
| Project Name. | Pond G Walnut Creek |
| Project Authorization: | 2005-2006 Amended Capital Budget |
| Funding Source | RSMP Fund |
| Fund/Agency/Orgn' | 4860-617-1003 |

| | |
|-----------------------------|-------------------------|
| Total Current Appropriation | \$1,700,000 00 |
| Unencumbered Balance | \$1,199,708 84 |
| Amount of this Action | <u>(\$1,199,708 84)</u> |
| Remaining Balance | <u>\$0 00</u> |

| | |
|------------------------|----------------------------------|
| Project Name. | Pond G |
| Project Authorization. | 2005-2006 Amended Capital Budget |
| Funding Source | Drainage Utility Fund |
| Fund/Agency/Orgn: | 4850-617-8009 |

| | |
|-----------------------------|-------------------------|
| Total Current Appropriation | \$3,969,000 00 |
| Unencumbered Balance | \$2,963,203 57 |
| Amount of this Action | <u>(\$2,779,755 46)</u> |
| Remaining Balance | <u>\$183,448.11</u> |

Financial Approval: _____ Joyce Pulich _____ Date. ____ 06/29/06 ____